Name

Quadratic Equation Standard Form to Vertex (Coefficient -1)

1 Complete the square and convert this to vertex form to find the vertex

$$y = -1x^2 - 6x - 13$$

A	(-1, -4)	B	(-1, -3)
C	(3, -4)	D	(-3, -4)
E	(-3, 4)	F	(-4, -3)

2 Complete the square and convert this to vertex form to find the vertex

$$y = -1x^2 + 8x - 19$$

A	(-4, -3)	B	(4, 3)
C	(-1, -3)	D	(4, -3)
E	(-3, 4)	F	(-1, 4)

3 Complete the square and convert this to vertex form to find the vertex

$$y = -1x^2 - 8x - 20$$

A	(-4, 4)	B	(4, -4)
C	(-4, -4)	D	(-1, -4)

4 Complete the square and convert this to vertex form to find the vertex

$$y = -1x^2 + 6x - 12$$

A	(-3, -3)	B	(3, -3)
C	(-3, 3)	D	(3, 3)
E	(-1, -3)	F	(-1, 3)

5 Complete the square and convert this to vertex form to find the vertex

$$y = -1x^2 - 4x - 3$$

A	(-1, -2)	B	(2, 1)
C	(-1, 1)	D	(1, -2)
E	(-2, -1)	F	(-2, 1)

6 Complete the square and convert this to vertex form to find the vertex

$$y = -1x^2 + 8x - 12$$

A	(-1, 4)	B	(-4, 4)
C	(4, -4)	D	(4, 4)

7 Complete the square and convert this to vertex form to find the vertex

$$y = -1x^2 + 8x - 14$$

A	(4, 2)	B	(2, 4)
C	(-1, 4)	D	(4, -2)
E	(-1, 2)	F	(-4, 2)

8 Complete the square and convert this to vertex form to find the vertex

$$y = -1x^2 - 8x - 18$$

A	(-1, -2)	B	(-1, -4)
C	(-4, 2)	D	(-2, -4)
E	(-4, -2)	F	(4, -2)